

Converting Colors

XYZ(11.5724, 11.1015, 19.9893)

Have a look what the booklet for
XYZ(11.5724, 11.1015, 19.9893)
contains.

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Color

**XYZ(11.5683, 11.1115,
19.9474)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5B7A
RGB	91, 91, 122
RGB Percent	36%, 36%, 48%
CMY	0.6431, 0.6431, 0.5216
CMYK	0.25, 0.25, 0.00, 0.52
HSL	240°, 15%, 42%
HSV	240°, 25%, 48%
XYZ	11.5683, 11.1115, 19.9474
YIQ	94.5340, -9.9510, 9.6410

Conversions

Conversions Part 2

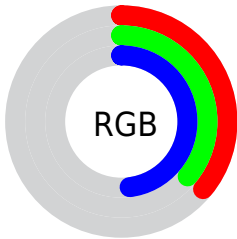
Format	Color
R_{YB}	91, 91, 122
Decimal	5987194
CIE _{Lab}	39.77, 7.41, -17.44
CIE _{LCh}	40, 18.948, 293.023
Yxy	11.1115, 0.2714, 0.2607
Android (android.graphics.Color)	4284177274 (0xFF5B5B7A)
YUV	94.5340, 13.5407, -3.0993
Hunter-Lab	33.3339, 3.6128, -12.1461

Details

The XYZ color **11.5683, 11.1115, 19.9474** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.8739, 18.8118, 12.6394**, and the grayscale version is **10.7368, 11.2959, 12.3013**.

A 20% lighter version of the original color is **28.4181, 27.8957, 44.4441**, and **3.1797, 2.8933, 6.6942** is the 20% darker color. If you saturate the color by 10%, you get **9.5026, 8.6225, 19.5760**, and if you desaturate by 10%, it is **13.9998, 14.0413, 20.3849**.

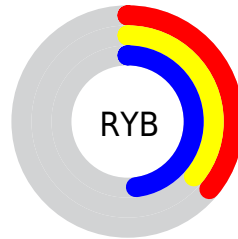
Distribution



Red (36%)

Green (36%)

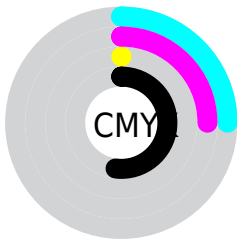
Blue (48%)



Red (36%)

Yellow (36%)

Blue (48%)

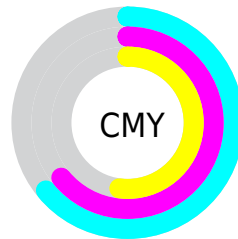


Cyan (25%)

Magenta (25%)

Yellow (0%)

Black (52%)



Cyan (64%)

Magenta (64%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5683, 11.1115, 19.9474 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 11.5683, 11.1115, 19.9474 by changing the saturation by 10% instead.

■ 11.5683, 11.1115,
19.9474

■ 11.5683, 11.1115,
19.9474

195.3548,
198.4309, 264.2250

■ 6.5205, 6.1419,
12.1731

■ 28.3301, 27.8662,
44.1868

■ 3.2078, 2.9315,
6.7377

■ 40.7749, 40.4200,
61.4890

■ 1.2646, 1.0961,
3.2227

■ 56.4160, 56.2707,
82.8042

■ 0.1564, 0.0000,
1.2094

■ 75.6189, 75.8027,
108.5510

■ 0.0000, 0.0000,
0.0000

■ 98.7488, 99.4003,
139.1480

126.1713,

127.4479, 175.0136

158.2515,
160.3300, 216.5664

■ 11.5683, 11.1115,
19.9474

■ 11.5683, 11.1115,
19.9474

■ 9.5026, 8.6225,
19.5760

■ 13.9998, 14.0413,
20.3849

■ 7.7840, 6.5517,
19.2669

■ 16.8126, 17.4305,
20.8909

■ 6.3939, 4.8767,
19.0169

■ 20.0223, 21.2979,
21.4682

■ 5.3112, 3.5721,
18.8221

■ 23.6436, 25.6612,
22.1195

■ 4.5127, 2.6100,
18.6785

■ 27.6902, 30.5370,
22.8474

■ 3.9718, 1.9582,
18.5812

■ 32.1754, 35.9414,
23.6541

■ 3.6438, 1.5630,
18.5222

■ 37.1119, 41.8893,
24.5420

■ 3.5130, 1.4053,
18.4987

■ 42.5117, 48.3955,
25.5132

■ 48.3864, 55.4741,
26.5699

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10.2607, 11.1115, 20.6773



11.5683, 11.1115, 19.9474



12.6846, 11.1115, 16.9309

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.5683, 11.1115, 19.9474



12.1357, 11.1115, 7.2369



8.2711, 11.1115, 11.2503

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



11.5683, 11.1115, 19.9474



16.8739, 18.8118, 12.6394

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8.6890, 11.1115, 8.2861



11.5683, 11.1115, 19.9474



10.8674, 11.1115, 6.2972

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11.5683, 11.1115, 19.9474



13.0305, 11.1115, 9.5113



9.6142, 11.1115, 6.6375



8.4253, 11.1115, 15.1169

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.5683, 11.1115, 19.9474



13.1343, 11.1115, 14.3095



9.6142, 11.1115, 6.6375



8.3481, 11.1115, 10.1279

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



11.5687, 11.1119, 19.9477



28.1317, 28.9224, 36.4928



14.7550, 17.5358, 20.8522



6.2848, 6.4353, 8.3176



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.5687, 11.1119, 19.9477



18.3430, 17.1277, 34.7321



13.1960, 11.9507, 20.0238



3.7976, 3.8936, 4.9946



3.6985, 1.4795, 19.4759



17.6422, 7.0571, 92.9021

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



13.6557, 12.3753, 11.5670



22.6200, 19.7167, 17.5580



14.9135, 17.8015, 12.5477



3.9983, 4.0150, 4.1888



8.4502, 4.3562, 0.3956



40.3081, 20.7796, 1.8868

Previews

White Background



This preview shows how the XYZ color 11.5683, 11.1115, 19.9474 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 11.5683, 11.1115, 19.9474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

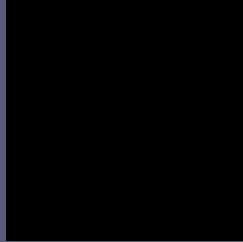
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5683, 11.1115, 19.9474

Background



This preview shows how black text looks on a background with the XYZ color 11.5683, 11.1115, 19.9474.



This preview shows how white text looks on a background with the XYZ color 11.5683, 11.1115,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

11.5683, 11.1115, 19.9474

Protanopia

11.2358, 11.1901, 20.3066

Deuteranopia

11.3645, 11.1341, 19.9625



Tritanopia

10.4210, 11.1700, 14.1771

Trichromacy



Original Color

11.5683, 11.1115, 19.9474

Protanomaly

11.3328, 11.1106, 20.2861

Deuteranomaly

11.4598, 11.1833, 19.9669

Tritanomaly

10.7875, 11.1842, 16.0582

Monochromacy



Original Color

11.5683, 11.1115, 19.9474

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.1686, 11.4050, 14.9773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5683, 11.1115, 19.9474 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(91, 91, 122) looks like.

```
.text, #text, p{  
    color:rgb(91, 91, 122)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(91, 91, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 91, 122) }
```

Border

The CSS property to change the border of an element to XYZ 11.5683, 11.1115, 19.9474 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 91, 122) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(91, 91, 122) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(91, 91, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 91, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 91, 122);  
box-shadow:4px 4px 4px 4px rgb(91, 91,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5683, 11.1115, 19.9474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 91, 122) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(91, 91,  
122) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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